

Abstract of the Disclosure

5 An apparatus for controlling a throttle valve electronically in an internal combustion engine. The actuator 2 is supported on a body 1A by fixing a base plate 7 to a flange 1B of the body 1A with a bolt 6, and an elastic member 9 is fixed at an outer surface of a cylindrical projection 2C which is positioned on one end 2B of the body of the actuator 2. The inner surface of a case 1C of the body 1A covers cylindrical projection 2C. One end 2B of the body of the actuator 2, opposite the actuator output end, is thus supported by the body 1A via elastic member 9. Therefore, it is not necessary to provide a heavy wall thickness of the flange by which the actuator 2 is supported or of the body of the actuator, and increase the strength of the internal structure of the actuator, and increase weight, size, and cost of the actuator.

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